DERWENT-ACC-NO: 2000-326319
DERWENT-WEEK: 200028
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TITLE: Crosslinking agent for zinc oxide-cured halobutyl
rubbers useful for
tires, e.g. inner liners for tubeless tires, hoses and belts,
comprises a
specified biscitraconimide

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TALMA A G[TALMI]

PRIORITY-DATA: 2000RD-0430048 (January 20, 2000)

PATENT-FAMILY:
PUB-NO   PUB-DATE   LANGUAGE
PAGES   MAIN-IPC
RD 430048 A   February 10, 2000   N/A
002   C08K 000/00

APPLICATION-DATA:
PUB-NO   APPL-DESCRIPTOR   APPL-NO
     APPL-DATE
RD 430048A   N/A   2000RD-0430048
     January 20, 2000

INT-CL_(IPC): C08K000/00

ABSTRACTED-PUB-NO: RD 430048A
BASIC-ABSTRACT: NOVELTY - Biscitraconimides may be used as
crosslinking agents
during zinc oxide curing of halobutyl rubbers.

USE - The rubbers are used for manufacturing tires, e.g.
inner liners for
tubeless tires, hoses, belts, etc.

ADVANTAGE - Perkalink 900 (RTM:
1,3-bis(citraconimidomethyl)benzene) acts as an
efficient crosslinker for halobutyl rubbers and it provides
products with a
better high-temperature compression and a lower heat build-up
than the prior
art crosslinker HVA-2 (RTM: methylene bismaleimide).

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:
CROSSLINK AGENT ZINC OXIDE CURE RUBBER USEFUL INNER LINING
TUBE HOSE BELT
COMPRISE SPECIFIED

DERWENT-CLASS: A17 A95 E13

CPI-CODES: A08-C05; A08-C07; A10-E04A; A12-T01; E07-D02;

CHEMICAL-CODES:
Chemical Indexing M3 *01*
    Fragmentation Code
    F011 F012 F013 F015 F019 F422 F499 G012 G100 H2
    H212 J5   J523 L9   L930 L999 M210 M211 M240 M282
    M311 M322 M342 M373 M392 M413 M510 M522 M531 M540
    M781 M904 M905 Q130 Q132 R023 R043
    Specfic Compounds
    A1M97K A1M97U

Chemical Indexing M3 *02*
    Fragmentation Code
    F011 F012 F013 F015 F019 F422 F499 G001 G002 G011
    G012 G013 G020 G021 G022 G029 G040 G100 G221 H2
    H212 J5   J523 L640 L9   L930 L999 M210 M211 M240
    M282 M311 M312 M313 M314 M315 M316 M320 M321 M322
    M331 M332 M333 M340 M342 M373 M383 M391 M392 M413
    M510 M522 M530 M531 M540 M781 M904 M905 Q130 Q132
    R023 R043
    Markush Compounds
    200016-34301-K 200016-34301-U

Chemical Indexing M3 *03*
    Fragmentation Code
    A430 A940 C108 C550 C730 C801 C802 C803 C804 C805
    C807 M411 M730 M904 M905 M910
    Specfic Compounds
    01520K 01520S
    Registry Numbers
    1520S 1520U

Chemical Indexing M3 *04*
    Fragmentation Code
    J0   J011 J1   J171 M225 M231 M262 M281 M320 M416
    M620 M730 M904 M905 M910
    Specfic Compounds
    00122K 00122S 04758K 04758S

Registry Numbers
0122S 0122U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0122S; 0122U ; 1520S ;
1520U

ENHANCED-POLYMER-INDEXING:
Polymer Index [1.1]
    018 ; R00966 G0055 G0044 G0033 G0022 D01 D02 D12 D10 D51
D53 D58
    D84 ; R00429 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58
D85 ; H0022
    H0011 ; M9999 M2222*R ; H0124*R ; S9999 S1661 ; M9999
M2073 ; L9999
    L2391 ; L9999 L2073 ; M9999 M2073 ; P1150 ; P0328 ;
P0431
Polymer Index [1.2]
    018 ; ND00 ; ND01 ; Q9999 Q9256*R Q9212 ; Q9999 Q8731
Q8719 ; Q9999
    Q7909 Q7885 ; B9999 B3178 ; K9461 ; B9999 B4126 B4091
B3838 B3747
    ; B9999 B5505*R ; K9449 ; B9999 B4002 B3963 B3930 B3838
B3747 ;
    B9999 B4080 B3930 B3838 B3747 ; B9999 B3792 B3747 ; B9999
B3907
    B3838 B3747 ; B9999 B4182 B4091 B3838 B3747 ; B9999 B3872
B3838
    B3747
Polymer Index [1.3]
    018 ; 7A*R ; H0157
Polymer Index [1.4]
    018 ; R05085 D00 D09 C* 4A ; A999 A237
Polymer Index [1.5]
    018 ; R00122 D01 D11 D10 D50 D93 F36 F35 ; A999 A340*R ;
A999 A771
Polymer Index [1.6]
    018 ; G3474 D01 D02 D50 ; S9999 S1376 ; A999 A340*R ;
A999 A771
Polymer Index [1.7]
    018 ; D01 D12 D10 D19 D18 D23 D22 D33 D75 D76 D41 D54 D51
D57 D59
    D93 F72 E04 E00 ; A999 A157*R ; A999 A771
Polymer Index [1.8]
    018 ; R01520 D00 F20 Zn 2B Tr O* 6A ; A999 A157*R ; A999
A771

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-098700